

## CLAIMS

What is claimed is:

1. An auto-backup system for a portable electronic device being able to wirelessly-connect to a computer device having a backup I/O module and a database, the auto-backup system comprising:

an input module, with which a user enter a backup request; and

a backup management module, which transmits at least one set of data stored in the portable electronic device wirelessly to the computer device and saves the data in the database through the backup I/O module.

2. The system of claim 1, further comprising:

a network connecting module, which establishes wireless signal communications between the portable electronic device and the computer device.

3. The system of claim 1, wherein the backup management module automatically sends out a data restoration request to the computer device when the portable electronic device is used so that the backup I/O module retrieves the data needed for the task from the database according to the data restoration request and sends the data wirelessly to the portable electronic device.

4. The system of claim 1, wherein the data are in a file.

5. The system of claim 1, wherein the computer device contains a network server.

6. The system of claim 5, wherein the portable electronic device connects wirelessly to the network server using the general packet radio service (GPRS).

7. An auto-backup system for a portable electronic device having an input

module, a network connecting module and a backup management module, the auto-backup system comprising:

a database; and

a backup I/O module, which receives at least one set of data transmitted from the backup management module when the input module receives a backup request and the network connecting module establishes wireless signal communications with the computer device and stores the data in the database.

8. The system of claim 7, wherein the backup management module automatically sends out a data restoration request to the computer device when the portable electronic device is used so that the backup I/O module retrieves the data needed for the task from the database according to the data restoration request and sends the data wirelessly to the portable electronic device.

9. The system of claim 7, wherein the data are in a file.

10. The system of claim 7, wherein the computer device contains a network server.

11. The system of claim 10, wherein the portable electronic device connects wirelessly to the network server using the general packet radio service (GPRS).

12. An auto-backup method for a portable electronic device implemented in a system comprising a portable electronic device and a computer device, the portable electronic device including an input module and a backup management module and the computer device including a database and a backup I/O module, the method comprising:

a backup initiating step, in which a user uses the input module to enter a backup request; and

a backup storing step, in which the backup management module transmits at

least one set of data stored in the portable electronic device wirelessly to the computer device and the backup I/O module stores the data in the database.

13. The method of claim 12 with the portable electronic device further including a network connecting module and the method further comprising a network connecting step, in which the network connecting module establishes wireless signal communications between the portable electronic device and the computer device.

14. The method of claim 12 further comprising a data restoration step, in which the back up management module automatically sends out a data restoration request to the computer device when the portable electronic device is used and the backup I/O module retrieves the data needed for the task from the database according to the data restoration request and sends the data to the portable electronic device.

15. The method of claim 12, wherein the data are in a file.

16. The method of claim 12, wherein the computer device contains a network server.

17. The method of claim 16, wherein the portable electronic device connects wirelessly to the network server using the general packet radio service (GPRS).